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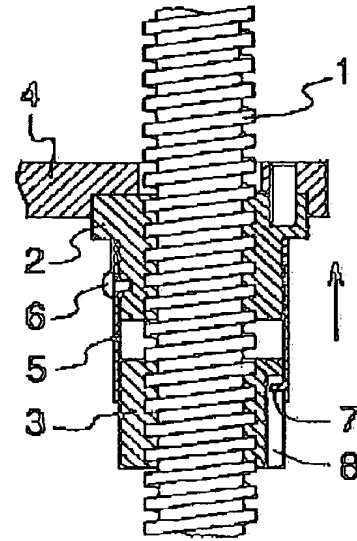
APPLICATION DATE : 18-09-93
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APPLICANT : SHIMPO IND CO LTD;

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TITLE : FEED SCREW DEVICE



ABSTRACT : **PURPOSE:** To prevent the reckless run of a female screw due to its slide in a load direction even if the screw portion of the female screw is worn and damaged in the case where the female screw receives load in one direction of a male screw axis and also to retain the screwing portion of the female screw in a lubricative state at all times in spite of the reciprocating movement of the female screw on the male screw.

CONSTITUTION: This device consists of a male screw 1 supported rotatably; a main female screw 2 connected to a transferred body 4 that is in a non-rotation state, and at the same time is screwed with the male screw 1; an auxiliary female screw 3 which approaches the main female screw 2 and is screwed with the male screw 1; and movement means (a movement cover member 5, a turning-stop claw 7 and a key groove 8) to connect the main female screw 2 to the auxiliary female screw 3 so as to be linkable in a rotary direction and relatively movable in a male screw axial direction.

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